

REMARKS

Claims 1-22 are pending in the application. Claims 1-14 and 21 were rejected under 35 U.S.C. § 101. Claims 1-21 was rejected under 35 U.S.C. § 103 (a).

Rejection Under 35 U.S.C. § 101

Claims 1-14 and 21 were rejected under 35 U.S.C. § 101 because the Office Action states that the claimed invention is directed to non-statutory subject matter.

Applicants have responded by amending claims 1 and 21, and by amending the specification. Since claims 2-14 depend from allowable claim 1, these claims are also allowable over 35 U.S.C. § 101.

Rejections Under 35 U.S.C. § 103 (a)

Claims 1-2, 5-11, 14-15 and 19-21 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over U. S. Patent Number 6,324,582 issued to Sridhar on November 27, 2001 and U. S. Patent Application Number 2002/0075304 issued to Thompson dated June 20, 2002.

Claims 3-4 and 16-17 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar and Thompson, and further in view of U. S. Patent Number 7,103,770 issued to Conrath on September 5, 2006.

Claims 12 and 18 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar, Thompson, and Conrath as applied to claims 1-11, 14-17 and 19-21, and further in view of U. S. Patent Number 7,047,305 issued to Brooks on May 16, 2006.

Claim 13 was rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar, Thompson, Conrath, and Brooks as applied to claims 1-12 and 14-21, and further in view of U. S. Patent Number 6,801,604 issued to Maes on October 5, 2004.

Rejection Under Sridhar and Thompson

Claims 1-2, 5-11, 14-15 and 19-21 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar and Thompson.

Applicant has avoided this ground of rejection for the following reasons.

Applicant's claim 1, as amended, now recites,

"wherein the one or more router components register one or more assigned internet protocol addresses with one or more server components, and wherein the one or more router components periodically re-register with the one or more server components to ensure reliability of an internet protocol translation."

Sridhar does not teach or suggest this limitation. This is because Sridhar does not disclose routers that register and periodically re-register assigned internet protocol addresses with a server. Thus, Sridhar is missing the "wherein the one or more router components register one or more assigned internet protocol addresses with one or more server components, and wherein the one or more router components periodically re-register with the one or more server components to ensure reliability of an internet protocol translation" elements, as recited in applicant's claim 1.

Thompson does not teach or suggest this limitation either. This is because Thompson does not disclose routers that register and periodically re-register internet protocol addresses with a server. Thus, Thompson, similar to Sridhar, is missing the "wherein the one or more router components register one or more assigned internet protocol addresses with one or more server components, and wherein the one or more router components periodically re-register with the one or more server components to ensure reliability of an internet protocol translation" elements, as recited in applicant's claim 1.

Thus, the clear teaching of Sridhar and Thompson is that the one or more router components do not register one or more assigned internet protocol addresses with one or more server components, and the one or more router components do not periodically re-register with the one or more server components to ensure reliability of an internet protocol translation.

Therefore the proposed combination of Sridhar and Thompson does not teach or suggest all of the limitations in applicant's claim 1, and therefore claim 1 is allowable over the proposed combination. Since claims 2-14 depend from allowable claim 1, these claims are also allowable over the proposed combination.

Independent claims 15 and 21 each have a limitation similar to that of independent claim 1, which was shown is not taught by the proposed combination of Sridhar and Thompson. For example, claims 15 and 21 recite; "wherein the one or more router components register one or more assigned internet protocol addresses with one or more server components, and wherein the one or more router components periodically re-register with the one or more server components to ensure reliability of an internet protocol translation". The proposed combination of Sridhar and Thompson does not teach this limitation for the above-mentioned reasons. Therefore, claims 15 and 21 are likewise allowable over the proposed combination. Since claims 16-20 depend from claim 15, these dependent claims are also allowable over the proposed combination.

Rejections Under Sridhar, Thompson, Conrath, Brooks and Maes

Claims 3-4 and 16-17 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar and Thompson, and further in view of Conrath.

Claims 12 and 18 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar, Thompson, and Conrath as applied to claims 1-11, 14-17 and 19-21, and further in view of Brooks.

Claim 13 was rejected under 35 U.S.C. § 103 (a) as being unpatentable over Sridhar, Thompson, Conrath, and Brooks as applied to claims 1-12 and 14-21, and further in view of Maes.

Applicant respectfully traverses these grounds of rejection.

These rejections are based on the rejection under Sridhar and Thompson being proper. As that ground of rejection has been overcome, and none of the cited references teach or suggest "wherein the one or more router components register one or more assigned internet protocol addresses with one or more server components, and wherein the one or more router components periodically re-register with the one or more server components to ensure reliability of an internet protocol translation", as recited in applicant's independent claims 1, 15 and 21, the combination of Sridhar, Thompson, Conrath, Brooks and Maes does not supply this missing element. Thus, this

combination does not make obvious any of applicant's claims, all of which require the aforesaid limitation.

Claim Amendments

Claims 3-4, 6, 9-12, 14, and 16-20 were amended to add the term "and". No new matter was added.

New Claim

New claim 22 has been added. Claim 22 provides a limitation directed to the one or more communication devices. No new matter has been added.

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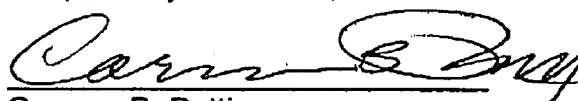
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Conclusion

It is respectfully submitted that the Office Action's rejections have been overcome and that this application is now in condition for allowance. Reconsideration and allowance are, therefore, respectfully solicited.

In view of the above amendments and remarks, allowance of all claims pending is respectfully requested. If a telephone conference would be of assistance in advancing the prosecution of this application, the Examiner is invited to call applicant's attorney.

Respectfully submitted,



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